

CRF Errors Corrected by the STIC System Branch

Serial Number: 09/887,194A

CRF Processing Date: 4/2/02 #5
Edited by: DC
Verified by: (STIC staff) Changed a file from non-ASCII to ASCII Changed the margins in cases where the sequence text was "wrapped" down to the next line. Edited a format error in the Current Application Data section, specifically:**ENTERED** Edited the Current Application Data section with the actual current number. The number inputted by the applicant was the prior application data; or other _____ Added the mandatory heading and subheadings for "Current Application Data". Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer. Changed the spelling of a mandatory field (the headings or subheadings), specifically: Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place. Inserted colons after headings/subheadings. Headings edited included: Deleted extra, invalid, headings used by an applicant, specifically: Deleted: non-ASCII "garbage" at the beginning/end of files; secretary initials/filename at end of file;
 page numbers throughout text; other invalid text, such as _____ Inserted mandatory headings, specifically: Corrected an obvious error in the response, specifically: Edited identifiers where upper case is used but lower case is required, or vice versa. Corrected an error in the Number of Sequences field, specifically: A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted. Deleted ending stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: Other:



OIPE

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/887,194A

DATE: 04/02/2002
TIME: 12:56:22

Input Set : A:\PTO.DC.txt
Output Set: N:\CRF3\04022002\I887194A.raw

3 <110> APPLICANT: Glassman, Kimberly F.
 4 Gordon-Kamm, William J.
 5 Kinney, Anthony
 6 Lowe, Keith S.
 7 Nichols, Scott E.
 8 Stecca, Kevin L.
 10 <120> TITLE OF INVENTION: RECOMBINANT CONSTRUCTS AND THEIR USE IN REDUCING GENE
 EXPRESSION
 12 <130> FILE REFERENCE: BB1449 US NA
 14 <140> CURRENT APPLICATION NUMBER: US/09/887,194A
 C--> 15 <141> CURRENT FILING DATE: 2002-03-13
 17 <160> NUMBER OF SEQ ID NOS: 36
 19 <170> SOFTWARE: Microsoft Office 97
 21 <210> SEQ ID NO: 1
 22 <211> LENGTH: 30
 23 <212> TYPE: DNA
 24 <213> ORGANISM: Artificial Sequence
 26 <220> FEATURE:
 27 <223> OTHER INFORMATION: Description of Artificial Sequence: ELVISLIVES PCR primer
 29 <400> SEQUENCE: 1
 30 gaattcgcgg ccgcatggga ggttagaggtc 30
 33 <210> SEQ ID NO: 2
 34 <211> LENGTH: 30
 35 <212> TYPE: DNA
 36 <213> ORGANISM: Artificial Sequence
 38 <220> FEATURE:
 39 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer for
 amplification
 40 of soybean Fad2-1
 42 <400> SEQUENCE: 2
 43 ggaaaaccat gcaaccatt ggtacttgct 30
 46 <210> SEQ ID NO: 3
 47 <211> LENGTH: 30
 48 <212> TYPE: DNA
 49 <213> ORGANISM: Artificial Sequence
 51 <220> FEATURE:
 52 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer for
 amplification
 53 of soybean Fad2-1
 55 <400> SEQUENCE: 3
 56 agcaaagtacc aatgggttgc atggtttcc 30
 59 <210> SEQ ID NO: 4
 60 <211> LENGTH: 30
 61 <212> TYPE: DNA

62 <213> ORGANISM: Artificial Sequence
64 <220> FEATURE:

136 <210> SEQ ID NO: 10

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/887,194A

DATE: 04/02/2002

TIME: 12:56:22

Input Set : A:\PTO.DC.txt

Output Set: N:\CRF3\04022002\I887194A.raw

137 <211> LENGTH: 30
138 <212> TYPE: DNA
139 <213> ORGANISM: Artificial Sequence
141 <220> FEATURE:
142 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer for amplification
143 of Cer3
145 <400> SEQUENCE: 10
146 cagttctaca tatgcataaaa cattggggcaa 30
149 <210> SEQ ID NO: 11
150 <211> LENGTH: 30
151 <212> TYPE: DNA
152 <213> ORGANISM: Artificial Sequence
154 <220> FEATURE:
155 <223> OTHER INFORMATION: Description of Artificial Sequence: ELVISLIVES complementary region of pKS106 and pKS124
158 <400> SEQUENCE: 11
159 gaattcgcgg ccgcggcacg agatttgagg 30
162 <210> SEQ ID NO: 12
163 <211> LENGTH: 80
164 <212> TYPE: DNA
165 <213> ORGANISM: Artificial Sequence
167 <220> FEATURE:
168 <223> OTHER INFORMATION: Description of Artificial Sequence: ELVISLIVES complementary region of pKS106 and pKS124
171 <400> SEQUENCE: 12
172 cggccggagc tggtcatctc gctcatcgac gagtcggcgg ccggccactc gacgatgagc 60
173 gagatgacca gctccggccg 80
176 <210> SEQ ID NO: 13
177 <211> LENGTH: 154
178 <212> TYPE: DNA
179 <213> ORGANISM: Artificial Sequence
181 <220> FEATURE:
182 <223> OTHER INFORMATION: Description of Artificial Sequence: ELVISLIVES complementary region of pKS133
183
185 <400> SEQUENCE: 13
186 cggccggagc tggtcatctc gctcatcgac gagtcggcgg ccggagctgg tcatctcgct 60
187 catcgatcgac tcggccggccg ccgactcgac gatgagcgag atgaccagct ccggccggccg 120
188 actcgacat gagcgagatg accagctccg gccg 154
191 <210> SEQ ID NO: 14
192 <211> LENGTH: 92
193 <212> TYPE: DNA
194 <213> ORGANISM: Artificial Sequence
196 <220> FEATURE:
197 <223> OTHER INFORMATION: Description of Artificial Sequence: ELVISLIVES PCR primer
199 <400> SEQUENCE: 14
200 gaattccggc cggagctggt catctcgac atcgtcgagt cggccggccgc cgactcgacg 60
201 atgagcgaga tgaccagctc cggccggaaat tc 92
204 <210> SEQ ID NO: 15
205 <211> LENGTH: 15

RAW SEQUENCE LISTING DATE: 04/02/2002
 PATENT APPLICATION: US/09/887,194A TIME: 12:56:22

Input Set : A:\PTO.DC.txt
 Output Set: N:\CRF3\04022002\I887194A.raw

```

206 <212> TYPE: DNA
207 <213> ORGANISM: Artificial Sequence
209 <220> FEATURE:
210 <223> OTHER INFORMATION: Description of Artificial Sequence: ELVISLIVES PCR primer
212 <400> SEQUENCE: 15
213 gaattccggc cggag 15
216 <210> SEQ ID NO: 16
217 <211> LENGTH: 33
218 <212> TYPE: DNA
219 <213> ORGANISM: Artificial Sequence
221 <220> FEATURE:
222 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer for
amplification
223      of soybean Fad2-1
225 <400> SEQUENCE: 16
226 gaattcgcgg ccgctgagtg attgctcacg agt 33
229 <210> SEQ ID NO: 17
230 <211> LENGTH: 33
231 <212> TYPE: DNA
232 <213> ORGANISM: Artificial Sequence
234 <220> FEATURE:
235 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer for
amplification
236      of soybean Fad2-1
238 <400> SEQUENCE: 17
239 gaattcgcgg ccgcttaatc tctgtccata gtt 33
242 <210> SEQ ID NO: 18
243 <211> LENGTH: 32
244 <212> TYPE: DNA
245 <213> ORGANISM: Artificial Sequence
247 <220> FEATURE:
248 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer for
amplification
249      of soybean Fad2-1, 5'-end
251 <400> SEQUENCE: 18
252 gaattcgcgg ccgccaatc tattgggttc tc 32
255 <210> SEQ ID NO: 19
256 <211> LENGTH: 32
257 <212> TYPE: DNA
258 <213> ORGANISM: Artificial Sequence
260 <220> FEATURE:
261 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer for
amplification
262      of soybean Fad2-1, 3'-end of 25 nucleotide fragment
264 <400> SEQUENCE: 19
265 gaattcgcgg ccgcaacctt ggagaaccca at 32
268 <210> SEQ ID NO: 20
269 <211> LENGTH: 32
270 <212> TYPE: DNA
271 <213> ORGANISM: Artificial Sequence
273 <220> FEATURE:
274 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer for
amplification

```

275 of soybean Fad2-1, 3'-end 75 nucleotide fragment

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/887,194A

DATE: 04/02/2002

TIME: 12:56:22

Input Set : A:\PTO.DC.txt

Output Set: N:\CRF3\04022002\I887194A.raw

277 <400> SEQUENCE: 20
 278 gaattcgcgg ccgcggcatg gtgaccacac tc 32
 281 <210> SEQ ID NO: 21
 282 <211> LENGTH: 32
 283 <212> TYPE: DNA
 284 <213> ORGANISM: Artificial Sequence
 286 <220> FEATURE:
 287 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer for amplification
 of soybean Fad2-1, 3'-end of 150 nucleotide fragment
 288 <400> SEQUENCE: 21 32
 291 gaattcgcgg ccgcgtgagaa ataaggact aa
 294 <210> SEQ ID NO: 22
 295 <211> LENGTH: 32
 296 <212> TYPE: DNA
 297 <213> ORGANISM: Artificial Sequence
 299 <220> FEATURE:
 300 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer for amplification
 of soybean Fad2-1, 3'-end 300 nucleotide fragment
 301 <400> SEQUENCE: 22 32
 304 gaattcgcgg ccgcgagtgt gacgagaaga ga
 307 <210> SEQ ID NO: 23
 308 <211> LENGTH: 32
 309 <212> TYPE: DNA
 310 <213> ORGANISM: Artificial Sequence
 312 <220> FEATURE:
 313 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer for amplification
 of soybean Fad2-1, 3'-end 600 nucleotide fragment
 314 <400> SEQUENCE: 23
 317 gaattcgcgg ccgcattctga tgaatcgtaa tg 32
 320 <210> SEQ ID NO: 24
 321 <211> LENGTH: 1717
 322 <212> TYPE: DNA
 323 <213> ORGANISM: Artificial Sequence
 325 <220> FEATURE:
 326 <223> OTHER INFORMATION: Description of Artificial Sequence: ELVISLIVES complementary region of pBS68
 327 region of pBS68
 329 <400> SEQUENCE: 24
 330 cggccggagc tggtcatctc gctcatgtc gagtcggcg ccgcgtgatg attgctcac 60
 331 agtgtgtca ccatgcctc agcaagtacc aatgggttga ttagtttg ggtttgaccc 120
 332 ttcactcaac acttttagtc ctttatttct catgaaaaat aagccatgc cccatcaact 180
 333 ccaacacagg ttcccttgac cgtgatgaag tgggttccc aaaaccaaaa tccaaagttg 240
 334 catggtttc caagtactta aacaaccctc taggaaggc tgggttctt ctcgtcacac 300
 335 tcacaatagg gtggcctatg tatttagct tcaatgtctc tggtagaccc tatgatagtt 360
 336 ttgcaagcca ctaccaccc tatgtccca tatattctaa ccgtgagagg cttctgtatc 420
 337 atgtctctga tgggttgg tttctgtga ctactctct ctaccgtgtt gcaaccctga 480
 338 aagggttggt ttggctgcta tgggtttatg gggtgcctt gctcattgtg aacggtttc 540
 339 ttgtgactat cacatattt cagcacac acattgcctt gcctcattac gattcatcag 600
 340 aatgggactg gctgaaggaa gctttggcaa ctatggacag agattaagcg gcccgtgcc 660
 341 tccagaaaag aaagaaattt tcaagtcctt ggagggatgg gcctcggagt gggtcctacc 720

VERIFICATION SUMMARY DATE: 04/02/2002
PATENT APPLICATION: US/09/887,194A TIME: 12:56:23

Input Set : A:\PTO.DC.txt
Output Set: N:\CRF3\04022002\I887194A.raw

L:15 M:271 C: Current Filing Date differs, Replaced Current Filing Date